Substitute form 1449/PTO						Complete if Known					
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					Application Number	09/211,803 December 15, 1998 DAVID J. HETHERINGTON 2171					
					Filing Date						
					First Named Inventor						
·						Group Art Unit	2171	2171			
					Examiner Name	FRANTZ	FRANTZ COBY				
Sheet	1		of	1		Attorney Docket Number	AT9-98-160				
				U.S. PA	TENT D	OCUMENTS					
Examiner Initials	IDS Doc#	U.S. Patent Document Number			N	Name of Patentee or Applicant			Publication Date MM-DD-YYYY		
R	AA	Attorney Docket No. AT9-98-108; App. No. 09/211,810				elated Co-Pending Application avid J. Hetherington, et al.			12/15/1998		
FLERR	AB	5,371,844			Andrev	Andrew, et al.			12/06/1994		
FC	AC	5,377,317			Bates, et al.			12/27/1994			
R	AD	5,390,295			Bates, et al.			02/14/1995			
FC	AE	5,420,976			Schell, et al.			05/30/1995			
R	AF	5,485,373			Davis, et al.			01/16/1996			
FC	AG	5,550,965			Gabbe, et al.			08/27/1996			
FC	AH	5,642,490			Morgan, et al.			06/24/1997			
R	ΑÏ	Attorney Docket No. AT9-98-158; App. No. 09/211,809				Co-Pending Application. Hetherington, et al.	12/15/1998				

Horodeck

Vitale, et al.

Moon

Yan

O'Dell

Lim, et al.

Tolin, et al.

Leung, et al.

Yeh

Mandz Coby

ΑJ

ΑK

AL

AM

AN

ΑO

ΑP

AQ

AR

4,544,276

4,737,040

4,951,202

5,040,218

5,109,352

5,384,700

5,490,061

4,379,288

5,175,803

07/27/06

10/01/1985

04/12/1988

08/21/1990

08/13/1991

04/28/1992

01/24/1995

02/06/1996

04/05/1983

12/29/1992

	OIP	E					
	HOY O F	o rom R					
U.S. PATENT DOCUMENTS C							
FC	AS	5,649,223	Freeman	07/15/1997			
R	AT	5,787,452	McKenna &	07/28/1998			
FC	AU	5,832,478	George Total	11/03/1998			
FC	AV	5,870,084	Kanungo, et al.	02/09/1999			
FC	AW	5,873,111	Edberg -	02/16/1999			
R	AX	6,167,366	Johnson	12/26/2000			
FC	AY	Attomey Docket No. AT9-98-159; App. No. 09/211,808	Related Co-Pending Application David J. Hetherington, et al.	12/15/1998			
RE	AZ	4,384,329	Rosenbaum, et al.	05/17/1983			
	BA	4,730,270	Okajima, et al.	03/08/1988			
FC	вв	5,164,900	Bernath	11/17/1992			
R	ВС	5,214,583	Miike, et al.	05/25/1993			
R	BD	5,243,519	Andrews, et al.	09/07/1993			
R	BE	5,251,130	Andrews, et al.	10/05/1993			
R	BF	5,268,990	Cohen, et al.	12/07/1993			
FC	BG	5,418,718	Lim, et al.	05/23/1995			
R	вн	5,426,583	Uribe-Echebarria Diaz De Mendibil	06/20/1995			
R	BI	5,440,482	Davis	08/08/1995			
R	BJ	5,594,642	Collins, et al.	01/14/1997			
R	вк	5,644,775	Thompson, et al.	07/01/1997			
FC	BL	5,677,835	Carbonell, et al.	10/14/1997			
fc	ВМ	5,778,356	Heiny	07/07/1998			
R	BN	6,003,049	Chiang	12/14/1999			
R	во	4,611,280	Linderman	09/09/1986			
PC	BP	5,799,303	Tsuchimura	08/25/1998			
R	BQ	Attorney Docket No. AT9-98-408 App. No. 09/211,799	Related Co-Pending Application David J. Hetherington, et al.	12/15/1998			
R	BR	5,758,295	Ahlberg, et al.	05/26/1998			
PC	BS	6,028,600	Rosin, et al.	02/22/2000			
FC	ВТ	5,600,779	Palmer, et al.	02/04/1997			
R	BU	5,815,148	Tanaka	09/29/1998			

Frantz Coby

07/27/06

NOV O 6 7001 PEROLEMAN .									
U.S. PATENT DOCUMENTS Property Declaration Application 12/15/1998									
	BV	Attorney Docket No. AT9-98-409 App. No. 09/211,802			Related Co-Pending Application Hetherington, et al.			12/15/1998	
R	BW	5,678,039			Hinks, et al. Oppermann, et al. Barnes, et al. Mitchell, et al. Kingberg, et al.			14/1997	
R	BX	6,144,377		O	ppermann, et al.	\ C	4	07/2000	
R	BY	5,974,3	72	Ва	arnes, et al.		10/2	26/1999	
R	BZ	5,872,9	73	М	itchell, et al.	ter 2		02/16/1999	
R	CA	5,734,88	37	K	Kingberg, et al.			03/31/1998	
R	СВ	5,546,575			otter, et al.		08/13/1996		
R	СС	Attorney Docket No. AT9-98-410 App. No. 09/211,813			Related Co-Pending Application David J. Hetherington, et al.			12/15/1998	
R	CD	Attorney Docket No. AT9-98-411 App. No. 09/211,801			Related Co-Pending Application David J. Hetherington, et al.			12/15/1998	
FC	CE	5,721,825			Lawson, et al.			02/24/1998	
FC	CF	5,416,903			Malcolm			05/16/1995	
R	CG	5,917,484			Mullaney			01/29/1999	
R	СН	Attorney Docket No. AT9-98-578; App. No. 09/211,812			Related Co-Pending Application David J. Hetherington, et al.			5/1998	
R	CI	5,758,314		М	McKenna			05/26/1998	
FC	Cl	5,682,158		Ed	Edberg, et al.			10/28/1997	
FC	CK	5,784,069		Daniels, et al.			07/21/1998		
R	CL	5,966,637		Ka	Kanungo, et al.			10/12/1999	
FC	СМ	5,784,071		Та	Tang, et al.			07/21/1998	
FOREIGN PATENT DOCUMENTS									
Examiner Initials	IDS Doc#	Office Foreign Patent Document No.			Name of Patentee or Date Applicant Publi		1 0		
R	CN	л	57-199070		12/06		1982 No		
R	со	JP	5-224687			09/03/1	993	No	
R	СР	JP	7-261652			10/13/1995		No	
R	CQ	РСТ	WO 97/404		Engineering Corporation	10/30/1	997	,	

Frantz Coby

07/27/06

THER PROPER ART - NON PATENT LITERATURE DOCUMENTS							
Examiner Initials	IDS Doc#	Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	English Translation				
R	CR	New Icons, October 1996, IBM Technical Disclosure Bulletin, Vol. 39, No. 10, pp. 25-27					
R	CS	Intelligent Computer Keyboard for Entering Texts of Sinhalese and Other Similar Languages, Novemer 1992, IBM Technical Disclosure Bulletin, Vol. 35, No. 6, pp. 24-27	Techr				
R	СТ	Enhanced Methods for Spelling Names in Speech Recognition Systems, November 1995, IBM Technical Disclosure Bulletin, Vol. 38, No. 11, pp. 45-46	Technology Certer 2100				
R	CU	Method for Allowing Translation of Operator Input Comparison Strings in an Online Presentation Program, January 1986, IBM Technical Disclosure Bulletin, Vol. 28, No. 8, pp. 3682-3683	ter 2100				
FC	cv	Architecture for Speech Synthesis from Text Recognition Methods, April 1994, IBM Technical Disclosure Bulletin, Vol. 37, No. 04A, pp. 287-289					
FC	CW	Bridging Speech Recognition and Natural Language Processing Subsystems, January 1996, IBM Technical Disclosure Bulletin, Vol. 39, No. 01, pp. 229-231					

Signature Considered C

Date

Examiner